PURE WATER.

Diaphragm Filters.

JENNISON'S PATENT, 1845.

☞ *Office* **349** *BROADWAY, N. Y.* ☜

These Filters, not larger than a pint measure, can be readily, and without expense, attached to any hydrant or pipe conveying water, and will yield a steady stream of pure water, equal to one hundred gallons per hour, under the pressure of the Croton, more than enough for the culinary wants of the largest families, even for washing clothes, to which it imparts a pearly whiteness not otherwise obtained. It separates with equal certainty and dispatch, all the animal, vegetable and earthy matter, found, despite all possible precautions, in every distributing channel of the Croton, Schuylkill, Mississippi, Cochituate, or Long Pond, and other river water. They are also constructed for filtering fluids for manufacturing purposes, and water for steam engines, &c. &c.

They are ornamental and will last for years, are not liable to get out of repair, or subject to damage from frost, and will prevent the pipes from bursting. They have the merit of cleansing themselves, by the simple act of changing them end for end once or twice a week, depending however on the quantity of water used, and the impurities contained in it; and they are designed for filtering water under any circumstances and degree of pleasure.

The necessity of filtering river water, and the efficiency of the Diaphragm Filter, bears the endorsement of the following eminent Physicians and Chemists of the cities of New York and Philadelphia:

Professor John Torrey, M.D., N.Y.
Professor James Renwick.
Valentine Mott, M.D., N.Y.
Professor James J. Mapes, N. Y.
James R. Chilton, M.D., N. Y.
Alexander E. Hosack, M.D., N.Y.
J. Kearney Rodgers, M.D., N. Y.
James A. Washington, M.D., N. Y.
William Anderson, M.D., N.Y.
John W. Francis, M.D., N. Y.
Professor John W. Draper, N. Y.
Dr. Dyonisius Lardner.
Professor Robert Hare, Philadelphia.
Paul B. Goddard, M.D., Philadelphia.
John F. Gray, M.D., N.Y.
Willard Parker, M.D., N. Y.
John C. Cheesman, M.D., N. Y.
James A. Coffin, President of the Croton Com.

And the approbation of the American Institute, by awarding to Mr. Jennison

A GOLD MEDAL *at the Fair of* 1845, *and a* **GOLD MEDAL** *for an Improvement at the Fair of* 1846,

Which consists of POROUS ARTIFICIAL ROCK for the filtering medium.

The Filter attached to a Hydrant.

CORRECT DRAWINGS
OF THE
LIVING ANIMALCULES,
CONTAINED IN
GREAT ABUNDANCE
IN
RIVER WATER,
As certified to by
Dr. Dyonisius Lardner.

The Officers of the Army and Navy, and Masters and Owners of Vessels, are invited to see the above and other appliances for filtering water; also—Force-Pumps, Hose, &c. &c.

From the facilities in their manufacture, and the increasing demand, the Proprietor is enabled to afford them at from $3 to $5 each.

They are exhibited in operation, and are for sale at 349 Broadway, New York; 209 Chesnut Street, opposite Jones' Hotel, Philadelphia; 3 South Street, Baltimore; 451 Washington Street, Boston; and other cities of the United States.

DIRECTIONS.

By the simple act of changing the Filter, end for end, and permitting the water to escape for a few seconds, it will be cleansed, which may be required once or twice a week, depending, however, on the quantity of water used, and the sediment contained. This act effectually secures the perfect operation of the instrument. At all times the first water that passes through the Filter should be permitted to escape for a second or two, and the stream gradually diminished, by turning the faucet, until a steady and uniform flow of water is attained, when it will be found pure and clear as crystal.

P. S.—Since the introduction of this Invention, a number of imitations have been presented to the public, which are deemed infringements upon the patents of the Diaphragm Filter. Notice is hereby given, that suits at law will be commenced against those who manufacture, or offer for sale, any infringement. Purchasers of them are also liable to a suit at law.

G. Mitchell, Book and Job Printer, 265 Bowery.

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